

■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range ($67\Omega \sim 330\Omega$) for noise suppression
- Operating temperature from -25°C to 85°C

■ Applications:

- USB line for personal computers and peripheral
- IEEE 1394 line for personal computers, DVC, STB
- LVDS, panel line for liquid display panels, graph card etc

■ Parts code:

SCM 1210

Type

A

Shielding Type
for 1 GHz

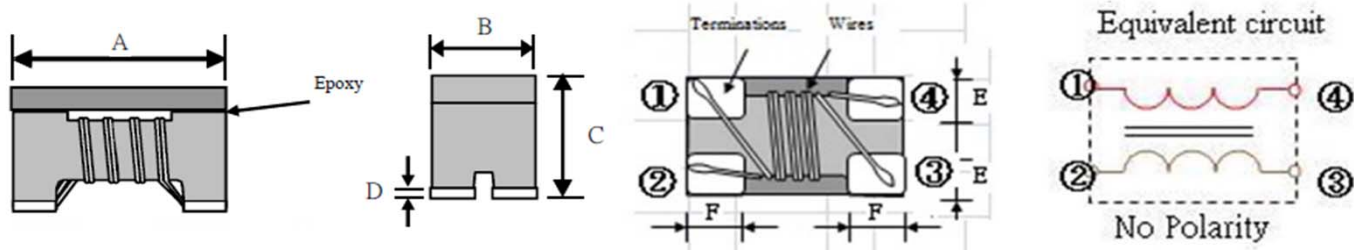
900

Impedance

S

Tolerance: M : $\pm 20\%$
S : $\pm 25\%$
N : $\pm 30\%$

■ Outline Dimension:



Dimensions in mm

TYPE	A	B	C	D	E	F
SCM 1210A	1.2 ± 0.2	1.0 ± 0.2	0.9 max	0.15 max	0.36 Typ.	0.33 Typ

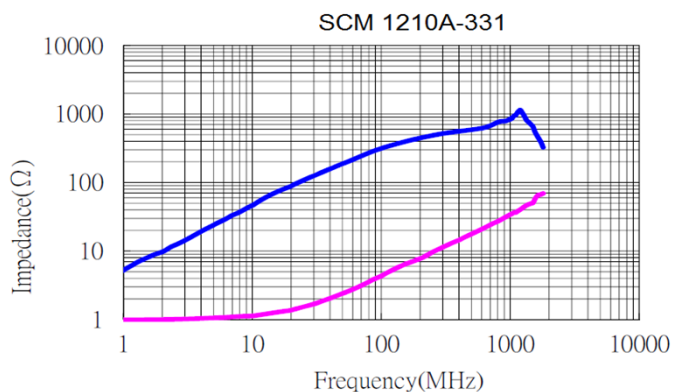
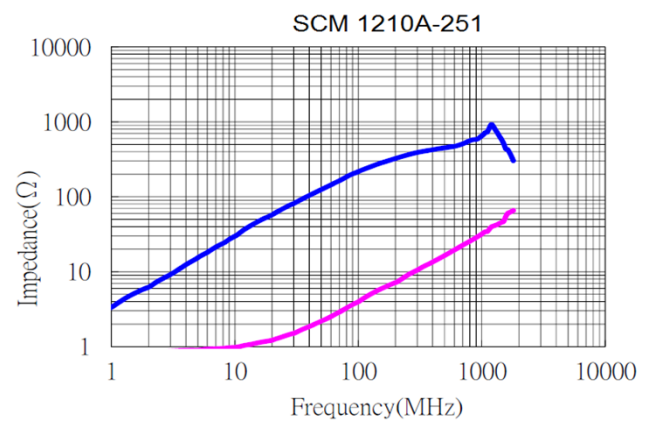
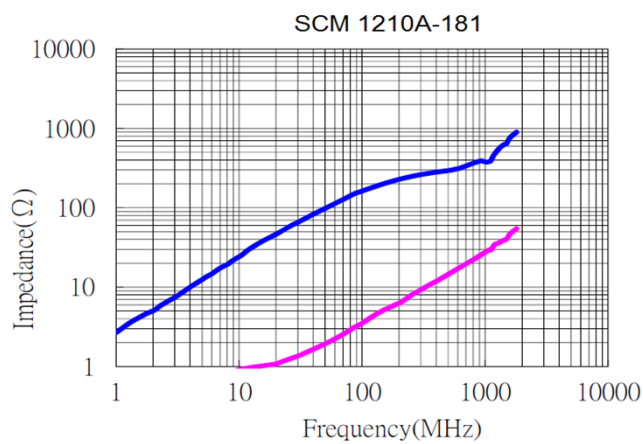
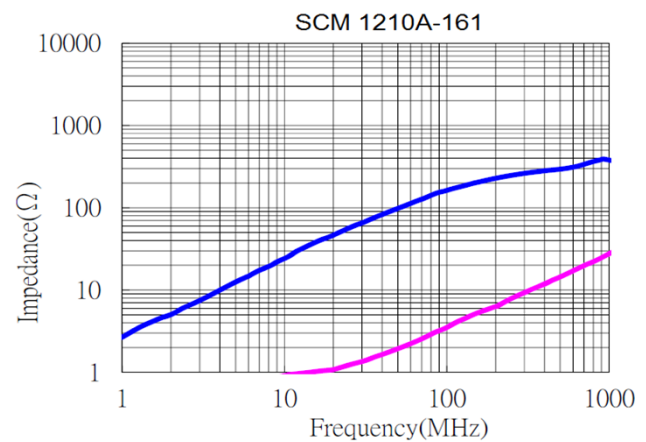
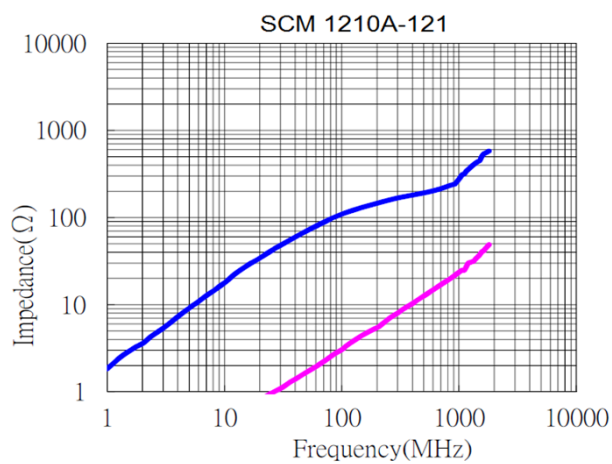
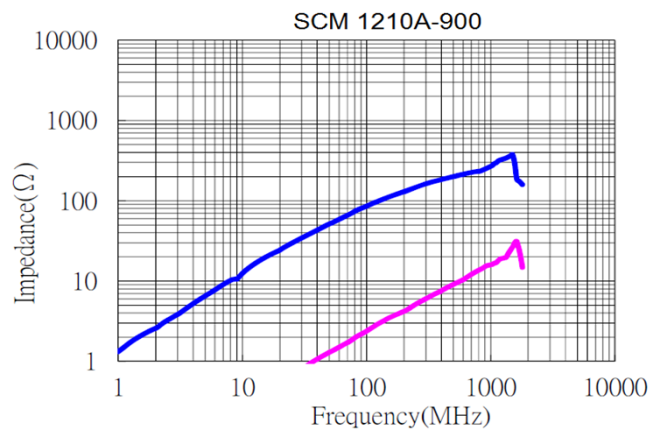
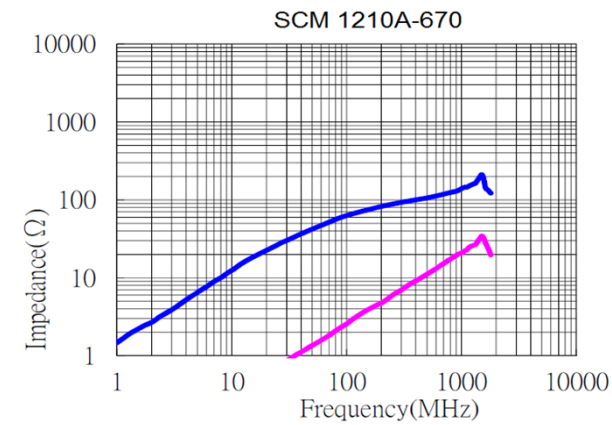
■ Specifications

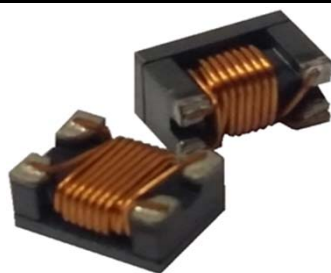
P/N	Z(Ω)	DCR (Ω)	Idc(mA)	Rated Voltage	Insulation Resistance	Cut-off Frequency
	Common Mode			Vdc	IR	
	Impedance at 100MHz			(V)Typical	(M Ω)Min.	
SCM1210A-670□	67	0.40	300	50	10	1.0 typ.
SCM1210A-900□	90	0.50	280	50	10	1.0 typ.
SCM1210A-121□	120	0.55	270	50	10	1.0 typ.
SCM1210A-161□	160	0.58	260	50	10	1.0 typ.
SCM1210A-181□	180	0.60	260	50	10	1.0 typ.
SCM1210A-251□	250	0.70	230	50	10	1.0 typ.
SCM1210A-331□	330	0.80	200	50	10	1.0 typ.

■ Operating temperature : -25 to $+85^{\circ}\text{C}$

Storage temp. and humidity : -40 to $+85^{\circ}\text{C}$,70%RH max

■ PERFORMANCE CURVES





■ Features:

- Miniature SMD type common mode filter for fully automated assembly
- Wide impedance range ($25\Omega \sim 90\Omega$) for noise suppression
- Operating temperature from -25°C to 85°C

■ Applications:

- USB line for personal computers and peripheral
- IEEE 1394 line for personal computers, DVC, STB
- LVDS, panel line for liquid display panels, graph card etc

■ Parts code:

SCM 1210

Type

D

Shielding Type
for USB3.0 / 7.5 GHz

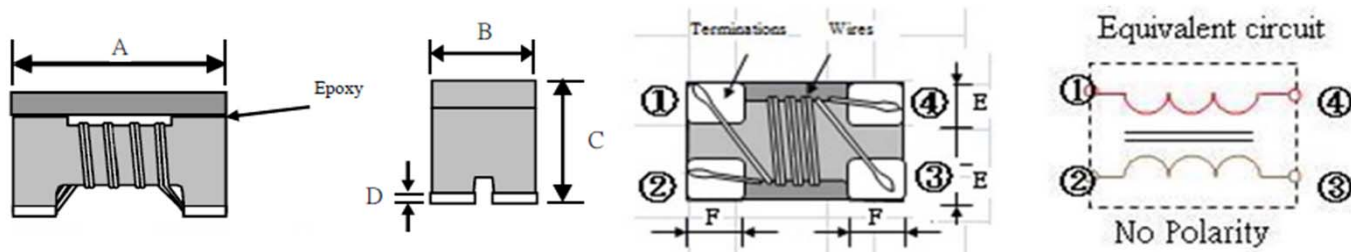
250

Impedance

S

Tolerance: M : $\pm 20\%$
S : $\pm 25\%$
N : $\pm 30\%$

■ Outline Dimension:



Dimensions in mm

TYPE	A	B	C	D	E	F
SCM 1210D	1.2 ± 0.2	1.0 ± 0.2	0.9 max	0.15 max	0.36 Typ.	0.33 Typ

■ Specifications

P/N	Z(Ω)	DCR (Ω)	Idc(mA)	Rated Voltage	Insulation Resistance	Cut-off Frequency	Characteristic Resistance
	Common Mode						
	Impedance at 100MHz						
SCM1210D-250□	25	[Max]	[Max]	Vdc (V)Typical	IR (M Ω)Min.	(GHz)	(Ω)
SCM1210D-600□	60			5	10	7.5 typ.	100 tpy
SCM1210D-900□	90			50	10	7.5 typ.	90 tpy
SCM1210D-900□	90			50	10	7.5 typ.	100 tpy

■ Operating temperature : -25 to $+85^{\circ}\text{C}$

Storage temp. and humidity : -40 to $+85^{\circ}\text{C}$,70%RH max

■ PERFORMANCE CURVES

